

WEEK'S DEVELOPMENTS IN THE TONOPAH MINES

TONOPAH MINING WORKINGS ARE EXTENDED 207 FEET DURING WEEK

The report of the Tonopah Mining company for August shows that the net earnings for last month amounted to \$129,368 and that 14,429 dry tons of ore were milled of an average value of \$17.78 a ton. Gold and silver bullion to the weight of 258,500 ounces, valued at \$196,100, was shipped, as were 62 tons of concentrates of a total value of \$31,000.

Aside from the starting of a new west drift from the main drift on the Burro vein on a small stringer of quartz on the 200-foot level of the Mizpah shaft, a like working on the Valley View vein on 2 to 3 feet of mill ore on the 340-foot level of the Silver Top shaft and a stope on 1 to 4 feet of average grade ore from the intermediate drift on the west end of the Valley View vein, after a fault was encountered, on the 440-foot level of the Silver Top shaft, the work and developments in the various mines of the Tonopah Mining company during the last week have been of a routine character.

A total of 207 feet of development work was performed, distributed as follows: Mizpah 49 feet, Red Plume 51, Silver Top 93, Desert Queen 14.

According to the report from the mill, 96 of the 100 stamps were kept dropping. In all, 3,375 tons of ore of an average value of \$19.63 a ton were treated, from which an extraction of 90 per cent was made. Thirty-three bars of bullion, valued

at \$46,000, were shipped.

A detailed account of the work and development in the various properties of the company follows:

Mizpah Shaft

200-foot level—A new west drift was started from the main drift on the Burro vein on a small stringer of quartz. Stopping was kept up throughout the week on the Burro vein and the Mizpah hanging wall vein, west of the shaft, on 2 to 3 feet of mill ore.

300-foot level—No development work was done. The operations were confined to stopping on the Mizpah footwall vein on 2 feet of average grade ore.

500-foot level—The west drift from the south crosscut, west of the shaft was advanced the usual distance on 2 feet of good ore. Stopping was kept up on the Valley View vein on 3 to 4 feet of mill ore and upon the Mizpah vein, west of the shaft, on 5 feet of average grade ore.

600-foot level—No development or stopping is at present being done.

Red Plume Shaft

600-foot level—The west drift to the Sand Grass shaft made the usual progress with no change in conditions. The two raises in the footwall crosscut from the main drift on the South vein made the usual headway. When completed these raises will be used for chutes for ore from the

(Continued on page 5)

NEW HOISTING PLANT WILL BE INSTALLED AT THE WEST END CON.

Though the West End Consolidated is making an excellent record as a producer with its present equipment, the output of the mine will undoubtedly be materially increased by the plan of replacing the present 75 horsepower hoist with one of 90 horsepower capacity and supplementing the present 10 drill compressor with another capable of operating 5 additional drills, is put into execution, which will be in the near future. The enlarged facilities will permit of the resumption of operations in workings which are at present idle on account of lack of power to drive more than 10 drills.

During the past week the various stopes of the mine have given up their average yield; in fact, in some instances an improvement has been noted. In all, 835 tons were shipped from the mine during the week.

A detailed account of the work and development in the mine follows:

No. 2 Shaft

500-foot level—The new raise, No. 576, on the footwall of the ledge, has gained a height of about 20 feet in good ore. New raise, No. 580 in the same drift, about 100 feet farther west, is up about 25 feet in good mill ore. The stopes on this level are producing better than their average quota of ore, there being an increase in the tonnage thus far this month.

600-foot level—In consequence of the delay incident to the work of enlarging and putting a station set at the shaft, which when completed will be followed by a resumption of sinking operations, the crosscut toward the vein was advanced only 10 feet during the last week, giving it a total length at present of 60 feet. It is expected that sinking will again be under way within the next three weeks.

Ohio Shaft

400-foot level—Work is being confined to this level. The prospect

CASH BOY LEASE

The 500-foot shaft on the Cash Boy property, being operated under a three years' lease by the Tonopah Mining and Leasing company, has been caught up and retimbered, where necessary, to a depth of more than 320 feet, with lading in progress at the 400-foot point. It is calculated that the shaft will be unwatered and repaired to its present bottom within the next week or ten days. It is the intention if the management of the Leasing company to send the shaft down to a total depth of 900 feet before undertaking any lateral work. Cash Boy should give a good account of itself under its present aggressive and thorough method of development, as it is generally conceded that it is in line for the southern extension of the Tonopah Merger ledge.

BELMONT MAKES SECOND BULLION SHIPMENT FOR MONTH SEPTEMBER

Judging from the size and value of its latest bullion shipment, the result of the third clean-up at its new mill, which was made last Thursday, the gross production this month of the Tonopah Belmont Development company will excel by far all past records of that corporation.

The third consignment of bullion that was despatched last Thursday by the Wells-Fargo & Co. express, to Seiby & Co., of San Francisco, for refining and the separation of the gold and silver content, consisted of 47 bars having a combined weight of 80,465 ounces, which figured at slightly better than 76 cents an ounce, gives the shipment a valuation in excess of \$61,155. The bullion that resulted from the second clean-up at the new mill amounted to 118,372 ounces of an aggregate value of about \$90,000, and was shipped Thursday of last week. The first clean-up at the new mill was made on August 23 and yielded 20 bars of bullion.

There were no developments of an extraordinary character in the mine during the week, the various workings producing their usual quota of ore. The report from the mill states that during the week a total of 3110 tons were treated, from which an excellent extraction was made. A summary of the work accomplished during the week on the various levels follows.

900-foot level—The new west drift on the footwall streak was temporarily discontinued during the week. The usual tonnage of ore was yielded by this level.

1000-foot level—North crosscut No. 1008, was advanced the usual distance in trachyte, it being out at present more than 860 feet. The

1100-foot level—North crosscut No. 4 in the hanging wall of the Belmont vein was extended the usual distance, being out now more than 192 feet. The west drift on the middle vein is now out more than 140 feet and the east drift off south crosscut No. 1, on the Desert Queen side, which is to prospect the south vein, made the usual progress, being out now more than 322 feet.

1167-foot level—South crosscut "H" into the footwall of the Belmont vein was discontinued after being run 55 feet. The east drift off crosscut "H" is out more than 41 feet in mill ore. In raise No. 1 on the Mizpah fault vein a good yield of ore is being stopped.

12th level—Raise No. 1 on the Little Bell vein is going ahead intermittently and showing low-grade ore. Raise No. 2, which shows a narrow streak of good ore, was discontinued this week.

13th level—The east drift on the Belmont vein was extended the usual distance in very good ore, being out now more than 188 feet. The ore is showing up very wide and yielding a large tonnage. Raises Nos. 1 and 2 on the Belmont vein are now up more than 60 feet in good ore.

With work being vigorously prosecuted on the 200, 275, 300, 375 and 700-foot levels, the MacNamara mine continues to maintain its heavy production. New discoveries on various levels are steadily improving the physical condition of the property. Superintendent J. W. Sherwin reports that the raise recently started on the north side of the MacNamara Extension fault to pick up the extension of the Lower Contact Ledge, cut in the Tonopah Extension mine near the MacNamara line, has encountered quartz at a point twenty feet lower than had been expected.

A detailed account of the work in the mine during the last week follows:

200-foot level—Stope No. 2 continues to produce a good grade of mill ore.

275-foot level—New drift No. 27 is being advanced both east and west along the footwall side of the new body of ore of excellent grade recently exposed 100 feet east of Stope No. 26. No stopping is as yet being done above the new drift. A large quantity of good ore is being extracted in the drift work, particularly that to the east, and is being sent to

TONOPAH MIDWAY

Preparations for the sinking of a new main working shaft on the Midway mine are going steadily ahead. With the new bore down a distance of 12 feet, the work of laying the concrete foundation for the 50-horsepower electric hoist, already on the ground, was completed yesterday. It is expected that the hoist and mill frame will be in position and ready for use within the next ten days. The work of cutting a station at the head of the winze on the 535-foot level was finished yesterday, and a 15 horsepower air hoist was placed in commission. Sinking in the winze which is now down 95 feet on about a foot of ore of a shipping grade, was resumed this morning. Three feet of good ore is now exposed in the 25-foot east winze of the same level.

northeast drift off crosscut No. 1001, following a small vein of low-grade ore, was extended the usual distance, being out now more than 165 feet. North crosscut No. 1039 from the Belmont vein in the hanging wall, is now out more than 40 feet.

On the intermediate level below the 900-foot level, the west drift off raise No. 9, was advanced the usual distance in fair ore. On the intermediate level between the 1000 and 1100-foot levels, the west drift from raise No. 8 on the shaft vein, made the usual progress on good ore.

1100-foot level—North crosscut No. 4 in the hanging wall of the Belmont vein was extended the usual distance, being out now more than 192 feet. The west drift on the middle vein is now out more than 140 feet and the east drift off south crosscut No. 1, on the Desert Queen side, which is to prospect the south vein, made the usual progress, being out now more than 322 feet.

1167-foot level—South crosscut "H" into the footwall of the Belmont vein was discontinued after being run 55 feet. The east drift off crosscut "H" is out more than 41 feet in mill ore. In raise No. 1 on the Mizpah fault vein a good yield of ore is being stopped.

12th level—Raise No. 1 on the Little Bell vein is going ahead intermittently and showing low-grade ore. Raise No. 2, which shows a narrow streak of good ore, was discontinued this week.

13th level—The east drift on the Belmont vein was extended the usual distance in very good ore, being out now more than 188 feet. The ore is showing up very wide and yielding a large tonnage. Raises Nos. 1 and 2 on the Belmont vein are now up more than 60 feet in good ore.

NEW DISCOVERIES ARE STEADILY IMPROVING THE M'NAMARA MINE

With work being vigorously prosecuted on the 200, 275, 300, 375 and 700-foot levels, the MacNamara mine continues to maintain its heavy production. New discoveries on various levels are steadily improving the physical condition of the property. Superintendent J. W. Sherwin reports that the raise recently started on the north side of the MacNamara Extension fault to pick up the extension of the Lower Contact Ledge, cut in the Tonopah Extension mine near the MacNamara line, has encountered quartz at a point twenty feet lower than had been expected.

A detailed account of the work in the mine during the last week follows:

200-foot level—Stope No. 2 continues to produce a good grade of mill ore.

275-foot level—New drift No. 27 is being advanced both east and west along the footwall side of the new body of ore of excellent grade recently exposed 100 feet east of Stope No. 26. No stopping is as yet being done above the new drift. A large quantity of good ore is being extracted in the drift work, particularly that to the east, and is being sent to

the mill.

300-foot level—In stope No. 5, ore of a good grade is being broken down from across a width of between 10 and 11 feet. About five feet of ore of a good grade is being taken from the hanging wall portion of the vein in old stope No. 8. A milling grade of ore is being extracted from stope No. 10 proper and an intermediate drift has been started to the east to prospect a block of ground. The new drift has advanced more than 20 feet and the last few rounds have yielded good ore. The new raise from the crosscut No. 32 on this level is up about fifty feet in a nice body of ore on the footwall of the vein. The raise will be continued through the vein to the hanging wall.

375-foot level—Work on this level is being confined to old stope No. 11. Both the hanging and footwall are being taken up, yielding a good grade of ore.

700-foot level—The raise recently started on the north side of the MacNamara Extension fault has broken into quartz which is believed to be the north segment of the Lower Contact vein.

HIGH GRADE ORE EXPOSED AT THE MONTANA ON THE 465 FOOT LEVEL

The mill of the Montana-Tonopah company treated, 1934 tons of ore during the week and made an extraction of 91 per cent. The new development work accomplished during the same period totaled 213 feet, in addition to a steadily increasing amount of stopping, which continues to yield a good grade of ore.

An important development on the 465-foot level was the exposure of high grade ore in the eastern portion of the stope on the South vein, just west of the shaft, where in one place in the vein, averaging 3 feet in width, there is an eighteen inch streak of rock that gives values as high as any found on the 162 intermediate level, which has made itself notable through its yield of picture ore. In the western section of the same stope, there has also been a marked improvement in both values and width of ore, widening out in places to 5 feet.

The work and developments in the mine during the last week follows:

162-foot level—In the eastern portion of stope No. 162, there is exposed from 8 to 10 feet of very good ore, some of which is high grade in value, while in the western portion there is from 5 to 6 feet of excellent ore which, however, is of less value than that in the eastern section. The north crosscut to the hanging wall is being continued and is now in about 70 feet, the face in trachyte. During the last few days several

bunches of low grade quartz have been cut. From the east end of the drift on the vein, a crosscut is being run south into the footwall and was advanced 19 feet during the week in trachyte.

390-foot level—The raise started about 30 feet west of the shaft, went up 30 feet in the footwall of the Shaft vein. From the top of the raise, a crosscut was driven north, cutting the vein. A drift is now advancing west on the vein and it was extended a distance of 16 feet on four feet of mill ore during the week. In stope No. 120, still further west on the same vein, stopping is being confined to the eastern end of a body of fairly good ore, varying from 6 to 10 feet in width. Ore of a better grade and similar width is exposed in the western portion of the stope.

465-foot level—Stopping operations on the South vein, just west of the shaft, particularly in the western portion of the stope, have shown a considerable improvement in values and in width of the ore, in some places it having widened out to five feet. In the eastern portion of the stope, the vein measures in places as wide as 5 feet but its average width is about 3 feet, and it is yielding in places high grade rock; in fact, just as rich as is found on the 162-foot intermediate level.

(Continued on page 5)

IMPORTANT DISCOVERY IS MADE LOWER WORKINGS OF JIM BUTLER

TONOPAH EXTENSION

An important development of the week in the Tonopah Extension mine was the exposure on the 500-foot level of from 1 to 3 feet of black sulphide ore, freely impregnated with native and brittle silver, in advancing stope No. 504. Second in importance to the new rich discovery was the marked improvement in the grade of ore in the Rainbow stope on the same level, which has been carried up to the 400-foot level. There is an immense tonnage of good ore exposed in this stope, as well as in stope No. 501. The downward extension of the ore body to the 600-foot level has been demonstrated through raising from the level below. The various workings of the mine are maintaining their output in excellent shape, 1071 tons having been treated by the mill during the week.

NORTH STAR

Developments during the last week on the 850 and 1250-foot levels of the North Star mine resulted in a noteworthy improvement in the physical condition of the property. On the vein cut recently on the former level drifting and raising is being vigorously prosecuted on from 2 to 3 feet of ore averaging better than \$25 a ton. The work in the two workings yielded 40 tons of ore the early part of this week, the rock being sent to the old Belmont mill at Millers. A like shipment will be made in the next day or two.

On the 1250-foot level, the south crosscut near the Belmont estate western boundary line, has penetrated the hanging wall of an apparently big ledge, about a foot of which gives good assay returns. The new discovery is thought to be an extension of one of the Belmont's veins and will be explored with a drift in the event no more important finds are revealed in the crosscut in the immediate future. Several days' more work will be required to determine the extent and magnitude of the new find.

If a particular store can save you a dollar on some particular purchase you need to make, the ad in the Bonanza, which tells you where, and why, and when, has a cash value to you—don't you think?

The Jim Butler mine occupied the limelight last Friday when what is believed to be the downward extension of the old Fraction ledge, which pinched out at a point about 260 feet below the surface several years ago, was exposed in a crosscut 45 feet from the end of a 200-foot drift to the north on the 600-foot level of the Wandering Boy shaft. A promising looking but broken up body of quartz of good value was disclosed. Since its discovery, the find has penetrated a distance of about 10 feet, with a slight improvement in its appearance. It is believed that present work upon it will result in the disclosure of the ore in more solidified and favorable form. In the minds of many local mining men, the old Fraction ledge is an extension of or a parallel vein to the West End.

On the first level, raise No. 100 is being continued on an eighteen inch streak of quartz. The east drift was advanced 28 feet during the week. During the last few days the quartz has widened out from 1 1/2 to 2 1/2 feet of good mill ore. The vein in east drift No. 1, on the second level, has widened from 2 to 4 feet of ore, with an increase in values. The north crosscut on the third level made good progress during the week, the stope east of No. 1 Fraction shaft, yielded a fair tonnage of ore, with no change in values or width. The mine maintained its shipping record of 300 tons a week.

Rescue Eula

At the Rescue Eula, the new electric hoist was placed in position at the shaft during the week, in addition to the erection of a blacksmith shop and a change room. The work of relieving weak timbers and making other repairs in the shaft was also completed.

MAIL A COPY OF
BONANZA MINING REVIEW
TO EASTERN FRIENDS

Copies of the Saturday Bonanza, containing the weekly mining review, wrapped and ready for mailing, may be secured at the Bonanza office. Price 10 cents. Send a copy east and assist in calling the attention of the world to the wonderful development of the Tonopah mining district.

MAIL A COPY OF
BONANZA MINING REVIEW
TO EASTERN FRIENDS

Copies of the Saturday Bonanza, containing the weekly mining review, wrapped and ready for mailing, may be secured at the Bonanza office. Price 10 cents. Send a copy east and assist in calling the attention of the world to the wonderful development of the Tonopah mining district.

TONOPAH 76

Although no perceptible change in formations has occurred, excellent headway in sinking the two shafts on the Tonopah "76" Consolidated estate was made during the last week. Both horres are exposing interesting territory, and the outlook for the property continues good.

If you want to sell your goods use the columns of the Bonanza. It gets results.